

Max flow



Description

The Max-Flow High Flow filter is suited for applications such as cooling water, Pre-RO, and resin trap filtration.

It is a large diameter, coreless, single open-ended, pleated cartridge with an inside to outside flow . Puts an extraordinary amount of surface area into a single cartridge.

Specification

Micron Rating: 1, 5, 10, 25, 50, 75 μm

Material of Construction:

Filter Medium: Pleated Polypropylene depth structure

Support and drainage : Polypropylene

End caps : Polypropylene

Outer Diameter: 152.4mm (6 inches)

Inner Diameter: 80mm (3.2 inches)

Length: 508mm (20 inches), 1016mm (40 inches), 1524mm (60 inches)

O-Ring : EPDM(Standard), Viton, Silicone, PEA encapsulated Viton

Operation Conditions

Maximum operating forward pressure drop:
3.5bar (50 psi) at 25°C (77°F)

Maximum operating temperature: 80°C (176°F)

Benefits and Features

High dirt loading capacity for long service time and lower cost filtration

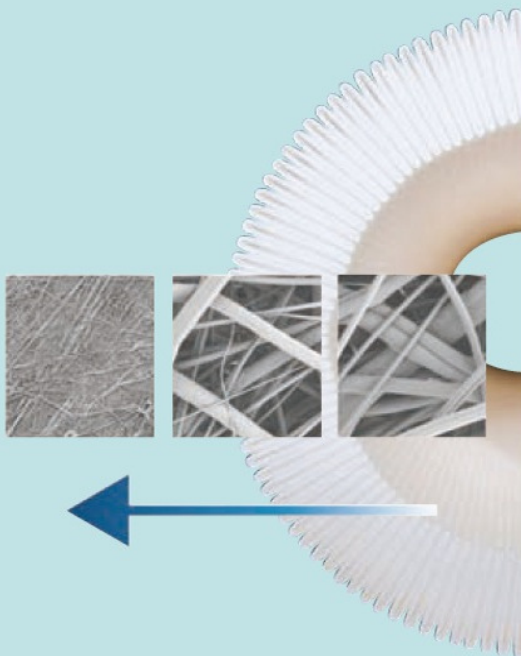
Up to forty conventional depth filters minimize initial cost

Inside to outside flow configuration all contaminants held within the single ended filter

Shorter in down time for element replacement

Smaller equipment footprint

Coreless construction minimizes disposal cost



Applications of product

- RO Pre-Filtration
- UF Membrane Pre-Filtration
- Cooling water filtration
- Pre filters or Final filters for waste water

Performance

Pressure Drop & Retention Rate

Micro Rating (μ m)	Efficiency (μ m)		Max Flow					
	90%	99.98%	Pressure Drop (mbar/m ³ /h) / (psid/100 gpm)					
			20''/508 mm		40'' / 1016 mm		60'' / 1524 mm	
C10	0.5	1.2	3.74	1.232	1.85	0.61	1.24	0.409
C50	2	5	1.31	0.43	0.65	0.213	0.43	0.143
D10	5	10	0.99	0.327	0.49	0.162	0.33	0.109
D25	16	25	0.61	0.202	0.3	0.1	0.2	0.067
D50	38	50	0.38	0.125	0.19	0.062	0.13	0.042
D75	65	75	0.09	0.028	0.04	0.014	0.03	0.009

* By ASTM F-795 Test

Code Principle

MFH	-	C10	-	2	-	E	-	X	-	I
Product Name	Rating(um)	Length	O-ring	Type	Special					
Max Flow	B20 : 0.2 B45 : 0.45 C10 : 1 C50 : 5 D10 : 10 D20 : 20 D30 : 30 D40 : 40	2 : 20'' 4 : 40'' 6 : 60''	E : EPDM S : Silicone V : Viton T : PFA encapsulate viton	S : PP Ribbon T : PET Ribbon X : Cage SN : PP Ribbon+Nets TN : PET Ribbon+Nets N : Nets SP : PP Ribbon+Cage SI : PP Ribbon+Inner Core+Cage	I : Strengthen cap					